

L Number	Hits	Search Text	DB	Time stamp
1	3	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	IBM_TDB	2003/04/07 06:35
2	336	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	US-PGPUB	2003/04/07 06:36
3	1	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	US-PGPUB	2003/04/07 06:42
4	0	((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	EPO	2003/04/07 06:41
5	0	((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	JPO	2003/04/07 06:41
6	0	((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	DERWENT	2003/04/07 07:01
7	0	((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	USOCR	2003/04/07 06:42
8	0	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	USPAT	2003/04/07 06:43
9	83	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	EPO	2003/04/07 06:44
10	268	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	JPO	2003/04/07 06:44
11	953	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	DERWENT	2003/04/07 06:46
12	5837	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	USOCR	2003/04/07 06:55
13	2541	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))	USPAT	2003/04/07 06:45

14	2	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) ) and (e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc.	DERWENT	2003/04/07 06:53
15	1	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) ) and (73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls.	USOCR	2003/04/07 07:05
16	1	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness))) and ((73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls. or (e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc.)	US-PGPUB	2003/04/07 06:58
17	0	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) ) and ((73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls. or (e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc.)	EPO	2003/04/07 06:59
18	0	((liner or lining) and ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) ) and ((73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls. or (e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc.)	JPO	2003/04/07 06:59
19	2	((liner or lining) same ((reduced or reduction or lessened or less or lesser or smaller or decreased) with (thick or thickness)) ) and ((73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls. or (e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc.)	USPAT	2003/04/07 07:00
20	4	(e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc. and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	DERWENT	2003/04/07 07:02
21	1	((e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc. or (73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls.) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	US-PGPUB	2003/04/07 07:08

22	0	((e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc. or (73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls.) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	EPO	2003/04/07 07:08
23	1	((e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc. or (73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls.) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	JPO	2003/04/07 07:11
24	2	(73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls. and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	USOCR	2003/04/07 07:09
25	8	((e21b025/06 or e21b049/02 or e21b049/00 or g01n037/00 or g01n001/04 or g01n001/08 or b65d033/00).ipc. or (73/864.91 or 73/864.44 or 73/864.45 or 73/864.51 or 175/20 or 175/58 or 383/202 or 53/475).ccls.) and ((liner or lining) near6 soil near6 (sample or specimen or sampling or sampler or sampled))	USPAT	2003/04/07 07:12

DERWENT-ACC-NO: 1981-H6678D

DERWENT-WEEK: 198133

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TITLE: Intact soil samples  
taker - uses cylindrical body with  
sectional linings,  
washer with pins and lid with  
apertures  
corresponding to pins

INVENTOR: PROKOPENKO, D D; RIPKA, I I ;  
SIROTYUK, V N

PATENT-ASSIGNEE: LVOV AGRIC INST[LVAG]

PRIORITY-DATA: 1978SU-2652903 (July 3, 1978)

PATENT-FAMILY:

PUB-NO	LANGUAGE	PAGES	PUB-DATE	MAIN-IPC
SU 781658	B	002	November 23, 1980	
	N/A			N/A

INT-CL (IPC): E02D001/04, G01N001/04

ABSTRACTED-PUB-NO: SU 781658B

BASIC-ABSTRACT:

Device for taking soil samples consists of working organ in the form of a cylindrical body (1) with lid (2), cutting tip (3), sectional lining (4), sectional ring (5) and washer (6) with pins (7). The lid (2) of body (1) has aperture (8) holding pins (7) entering slits (11) in the flange (10) of hydrocylinder (9) which is attached by hinge (13) to the axis (12) of the vehicle bearing the equipment. The hydrocylinder (9)'s pin (14) is firmly joined to the lid (2) of the cylindrical body (10) of the working organ. On the ends of the pins (7) of washer (6) there are limiters (15).

The number of positioning of the apertures (8) in the lid (2) and the slits (11) in the hydrocylinder (9)'s flange correspond to the number and positioning of the pins (7) on the washer (6). The sectional ring (5) of the working organ is positioned between the sectional linings (4) within the cylindrical body (1). Bul.43/23.11.80.

CHOSEN-DRAWING: Dwg.1

DERWENT-CLASS: Q42 S03

EPI-CODES: S03-E13A;

DERWENT-ACC-NO: 1991-244540

DERWENT-WEEK: 199133

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TITLE: Building ground  
sampler - has crank mechanisms to press  
thrust plates to shaft  
wall and uses hydro-cylinder to  
move knife edges and  
separate sample

INVENTOR: GOLLI, A V; SHASHKIN, A G ;  
TIKHOMIROV, L K

PATENT-ASSIGNEE: LENGD ENG CONS INST[LEEG]

PRIORITY-DATA: 1988SU-4624452 (December 26,  
1988)

PATENT-FAMILY:

PUB-NO	LANGUAGE	PAGES	PUB-DATE	MAIN-IPC
SU 1612228	A	000	December 7, 1990	N/A
	N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR
APPL-NO	APPL-DATE
SU 1612228A	N/A
1988SU-4624452	December 26, 1988

INT-CL (IPC): G01N001/04

ABSTRACTED-PUB-NO: SU 1612228A

BASIC-ABSTRACT:

The sampler is lowered into the shaft and pressure is passed to chamber (3), moving a piston which acts through crank mechanisms to press thrust plates to the wall of the shaft. Pressure is then passed to chamber (2), to force sampler (1) into the soil.

Sampler (1) is filled with soil, with foil strips forming a liner and pressure is passed to a cylinder, to move the cutting edges and separate a sample, sealed by a flexible strip.

USE - Taking of soil samples.  
Bul.45/7.12.90.

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: S03

EPI-CODES: S03-E13A;